Fig. 1

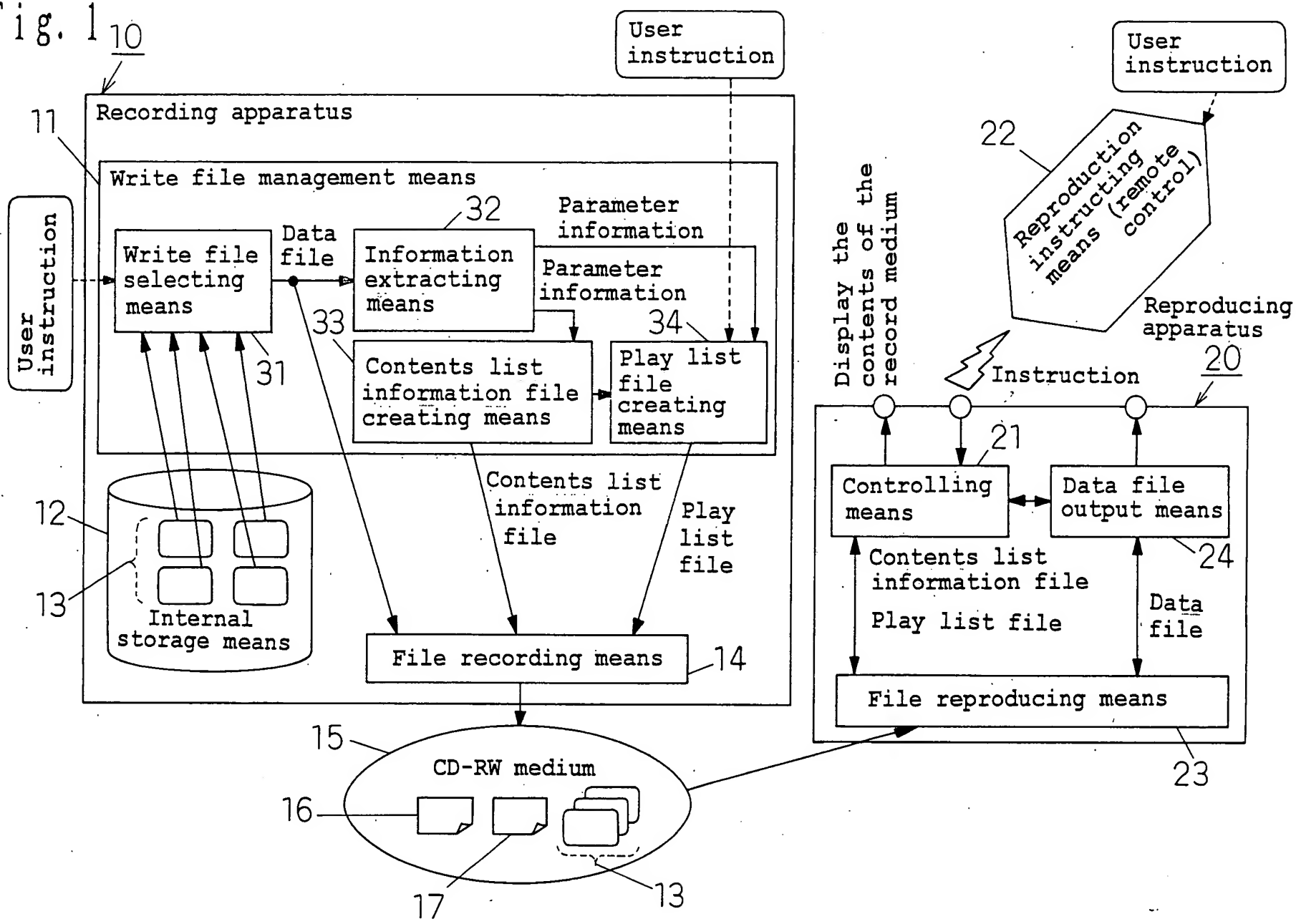

10
User instruction
Recording apparatus
11
Write file management means
User instruction
Write file selecting means
Data file
32
Information extracting means
Parameter information
Parameter information
33
34
Contents list information file creating means
Play list file creating means
31
12
13
Internal storage means
Contents list information file
Play list file
File recording means
14
15
CD-RW medium
16
17
13
Display the contents of the record medium
User instruction
22
Reproduction instructing means (remote control)
Reproducing apparatus
20
Instruction
21
Controlling means
Data file output means
24
Contents list information file
Play list file
Data file
File reproducing means
23

Fig. 2

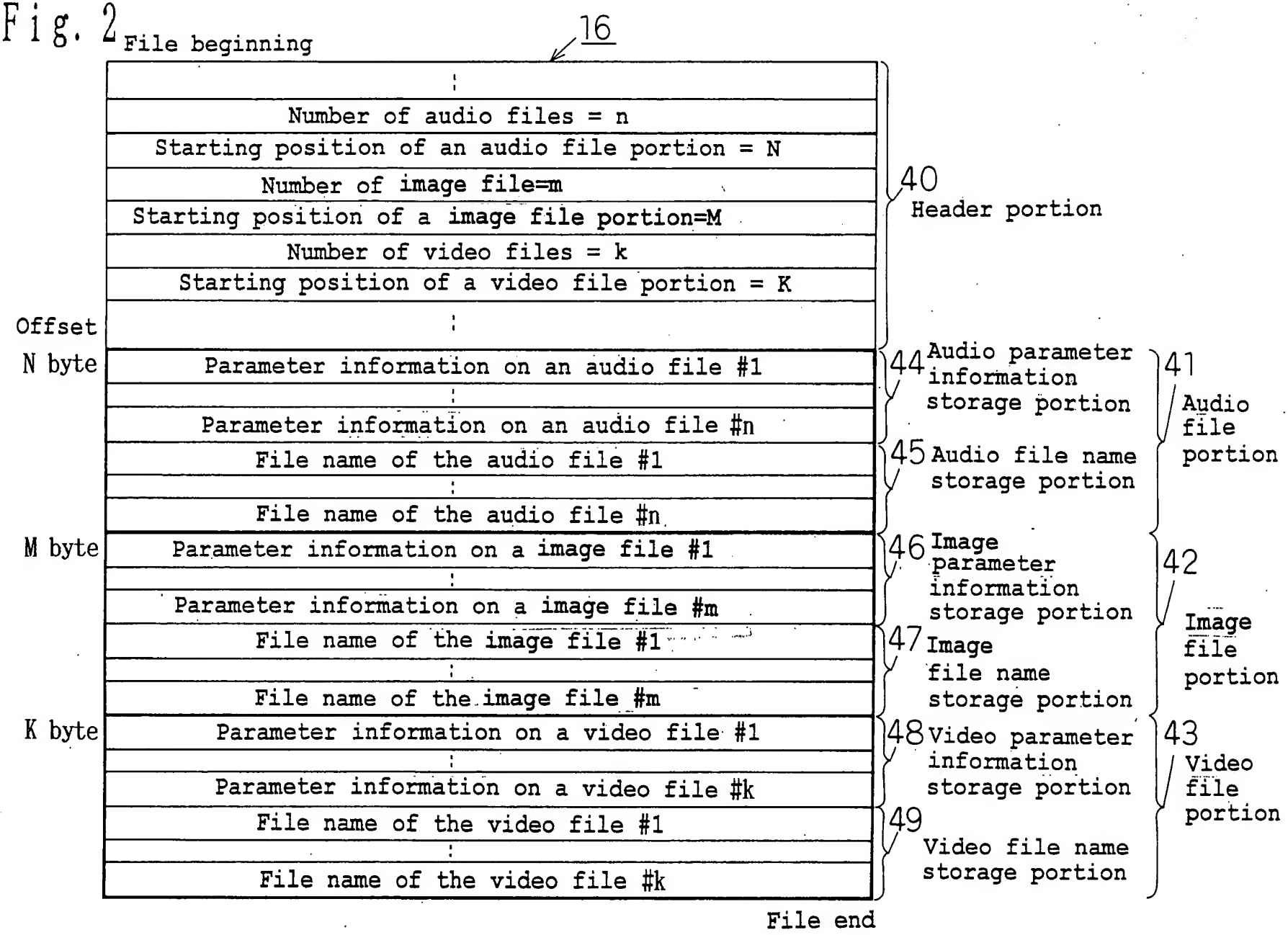

File beginning
16
Number of audio files = n
Starting position of an audio file portion = N
Number of image file=m
Starting position of a image file portion=M
Number of video files = k
Starting position of a video file portion = K
Offset
N byte
Parameter information on an audio file #1
Parameter information on an audio file #n
File name of the audio file #1
File name of the audio file #n
M byte
Parameter information on a image file #1
Parameter information on a image file #m
File name of the image file #1
File name of the image file #m
K byte
Parameter information on a video file #1
Parameter information on a video file #k
File name of the video file #1
File name of the video file #k
File end
40
Header portion
44
Audio parameter information storage portion
45
Audio file name storage portion
41
Audio file portion
46
Image parameter information storage portion
47
Image file name storage portion
42
Image file portion
48
Video parameter information storage portion
49
Video file name storage portion
43
Video file portion

Fig. 3

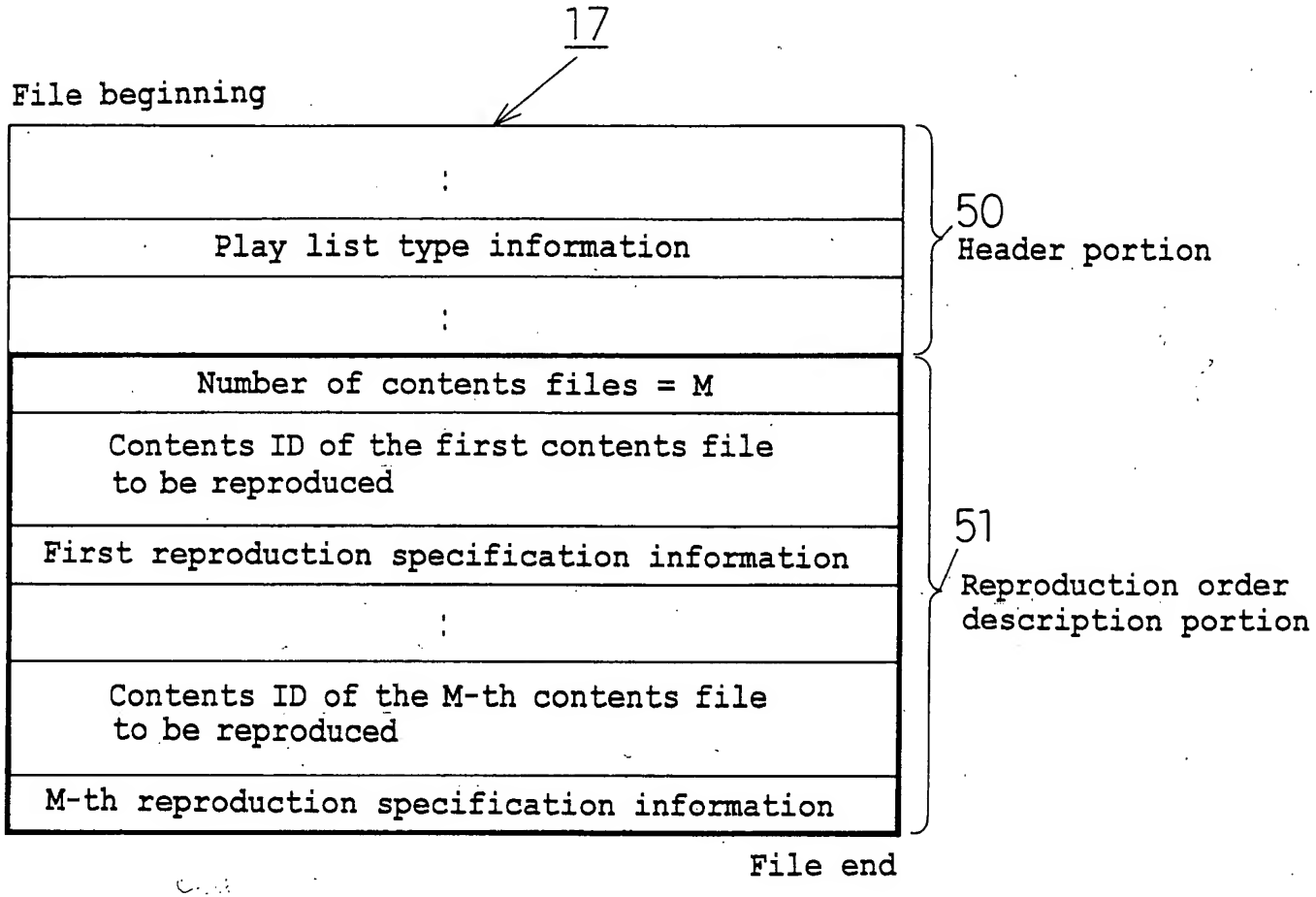

17
File beginning
:
Play list type information
:
Number of contents files = M
Contents ID of the first contents file to be reproduced
First reproduction specification information
:
Contents ID of the M-th contents file to be reproduced
M-th reproduction specification information
File end
50
Header portion
51
Reproduction order description portion

Fig. 4

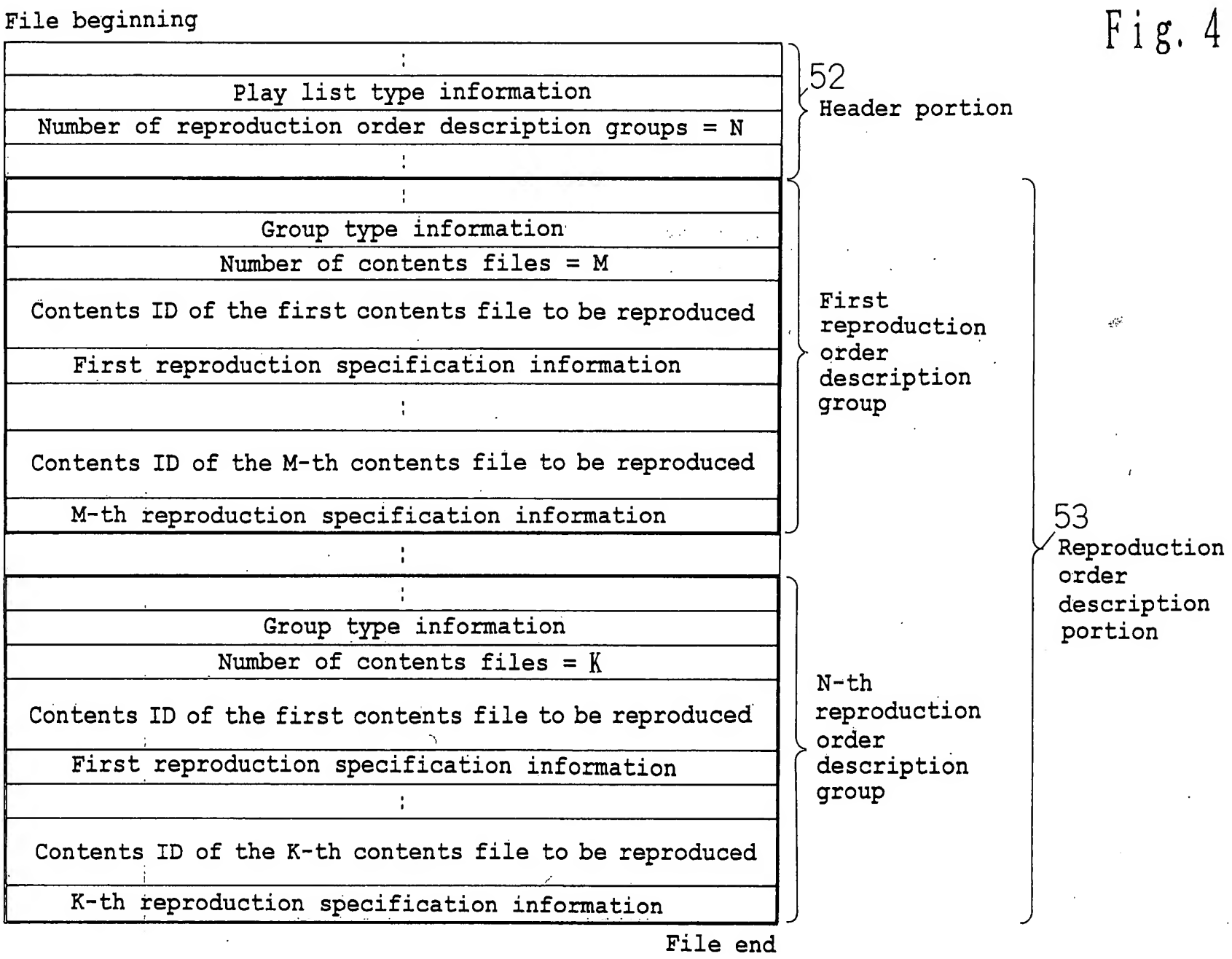

File beginning
Play list type information
Number of reproduction order description groups = N
52
Header portion
Group type information
Number of contents files = M
Contents ID of the first contents file to be reproduced
First reproduction specification information
Contents ID of the M-th contents file to be reproduced
M-th reproduction specification information
First reproduction order description group
Group type information
Number of contents files = K
Contents ID of the first contents file to be reproduced
First reproduction specification information
Contents ID of the K-th contents file to be reproduced
K-th reproduction specification information
N-th reproduction order description group
53
Reproduction order description portion
File end

Fig. 5 (A)

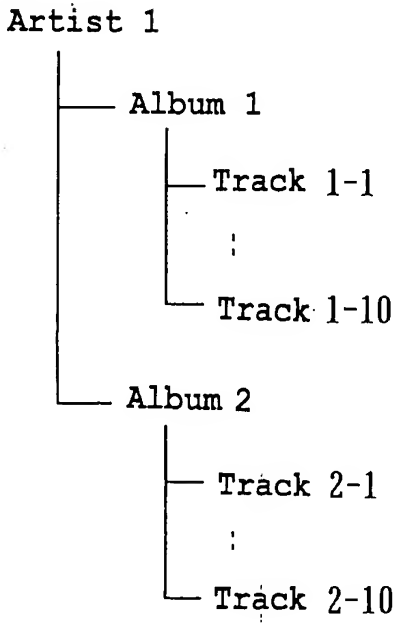


Fig. 5 (B)

Play list file for the artist 1

Number of reproduction order description groups = 2
Number of contents files = 10
Contents ID of the track 1-1
Contents ID of the track 1-10
Number of contents files = 10
Contents ID of the track 2-1
Contents ID of the track 2-10

Fig. 5 (C)

Play list file for the artist 1 - album 1

Number of contents files = 10
Contents ID of the track 1-1
Contents ID of the track 1-10

Play list file for the artist 1 - album 2

Number of contents files = 10
Contents ID of the track 2-1
Contents ID of the track 2-10

Fig. 6

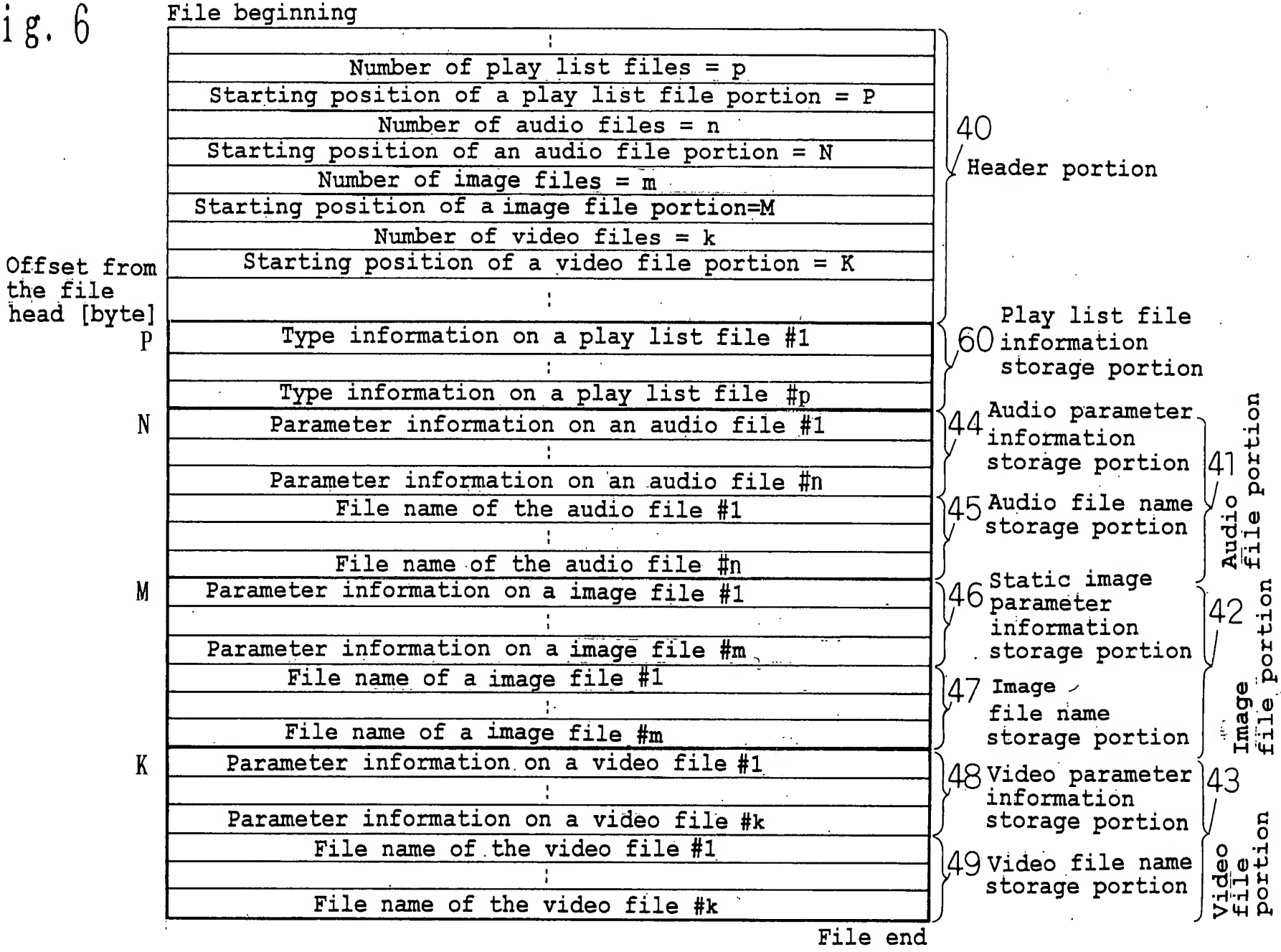
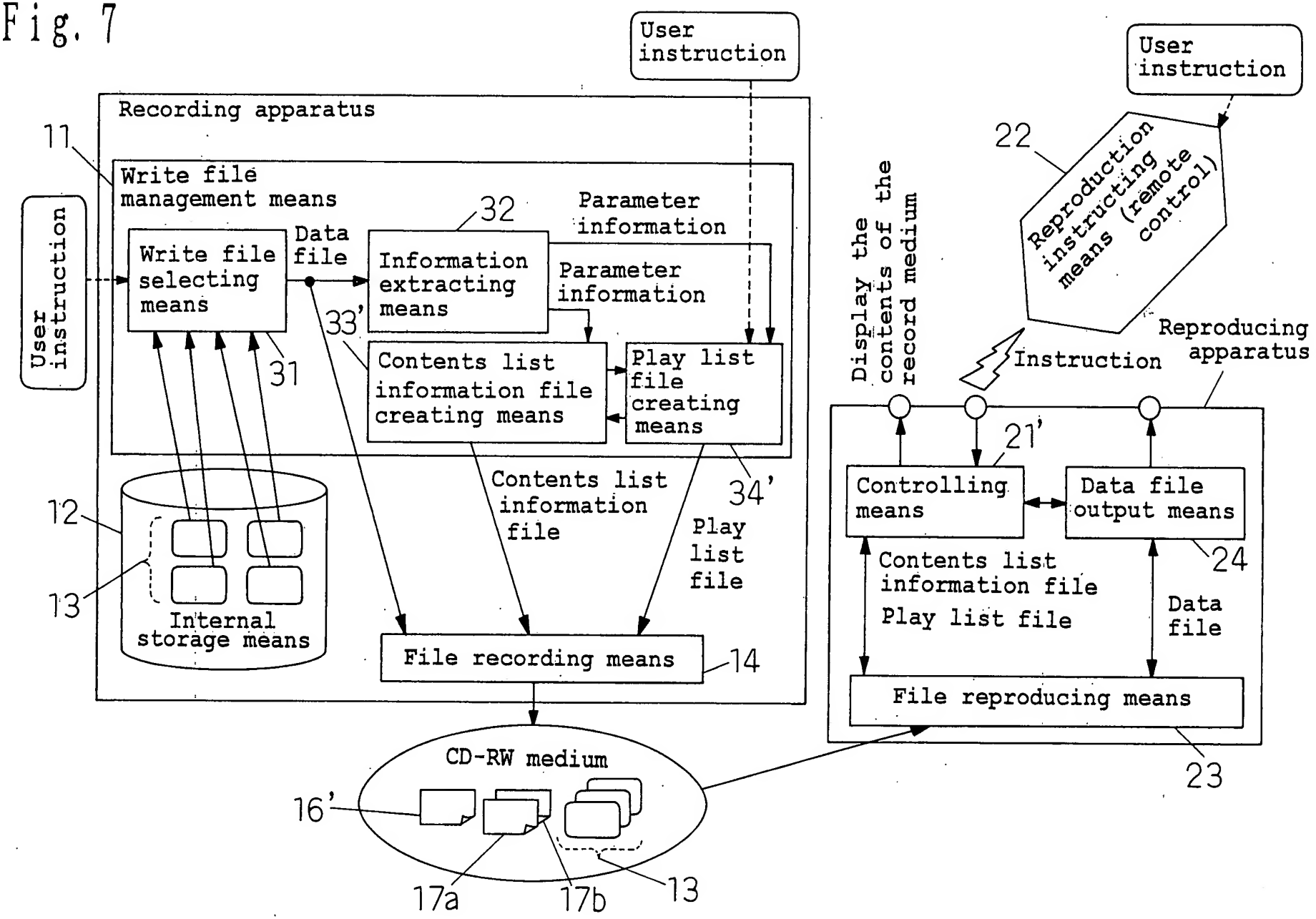

File beginning
Number of play list files = p
Starting position of a play list file portion = P
Number of audio files = n
Starting position of an audio file portion = N
Number of image files = m
Starting position of a image file portion=M
Number of video files = k
Starting position of a video file portion = K
Offset from the file head [byte]
P
Type information on a play list file #1
Type information on a play list file #p
N
Parameter information on an audio file #1
Parameter information on an audio file #n
File name of the audio file #1
File name of the audio file #n
M
Parameter information on a image file #1
Parameter information on a image file #m
File name of a image file #1
File name of a image file #m
K
Parameter information on a video file #1
Parameter information on a video file #k
File name of the video file #1
File name of the video file #k
File end
40
Header portion
60
Play list file information storage portion
44
Audio parameter information storage portion
45
Audio file name storage portion
41
Audio file portion
46
Static image parameter information storage portion
47
Image file name storage portion
42
Image file portion
48
Video parameter information storage portion
49
Video file name storage portion
43
Video file portion

Fig. 7


User instruction
Recording apparatus
11
Write file management means
User instruction
Write file selecting means
Data file
32
Information extracting means
Parameter information
Parameter information
33'
Contents list information file creating means
Play list file creating means
31
12
13
Internal storage means
Contents list information file
34'
Play list file
File recording means
14
CD-RW medium
16'
17a
17b
13
User instruction
22
Reproduction instructing means (remote control)
Display the contents of the record medium
Instruction
Reproducing apparatus
21'
Controlling means
Data file output means
24
Contents list information file
Play list file
Data file
File reproducing means
23